U.S. ENVIRONMENTAL PROTECTION AGENCY
POLLUTION/SITUATION REPORT
Dealers Supply Garden Center - Removal Polrep
Initial and Final Removal Polrep

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region IV

Subject: **POLREP #1**
Initial and Final Pollution Report (POLREP)
Dealers Supply Garden Center
C496
Swainsboro, GA
Latitude: 32.5987226 Longitude: -82.3218875

To: James Webster, USEPA R4 ERRPB
Jerry Campbell, GAEPD

From: Kevin Eichinger, FOSC
Date: 5/16/2019
Reporting Period: May 15, 2019 through May 20, 2019

1. Introduction

1.1 Background

Site Number:	C496	**Contract Number:**	
D.O. Number:		**Action Memo Date:**	
Response Authority:	CERCLA	**Response Type:**	Emergency
Response Lead:	PRP	**Incident Category:**	Removal Action
NPL Status:	Non NPL	**Operable Unit:**	
Mobilization Date:	5/15/2019	**Start Date:**	5/15/2019
Demob Date:	5/16/2019	**Completion Date:**	5/16/2019
CERCLIS ID:		**RCRIS ID:**	
ERNS No.:		**State Notification:**	
FPN#:		**Reimbursable Account #:**	

1.1.1 Incident Category

Comprehensive Environmental Response, Compensation and Liability Act Active Facility.

1.1.2 Site Description and Location

The facility is located at 438 East Main Street, Swainsboro, GA 30401. The geographical coordinates are Latitude: 32.5987226 Longitude: -82.3218875. The facility consists of an estimated 50,000 square-foot single-story commercial building with multiple areas of outside storage as well as various types of parts and products stored in semitrailers. The facility purchases lot-size amounts of parts and equipment for lawn equipment and repackages the products for retail sale. The facility's stormwater drainage system connects to an unnamed intermittent tributary of Lake Luck.

1.1.3 Preliminary Removal Assessment/Removal Site Inspection Results

The fire started the evening of May 14, and several fire agencies responded. The fire largely consumed the entire building, the pallets of plastic parts, and other miscellaneous equipment stored outside. Firefighting runoff water and an unknown amount of used-oil flowed offsite and impacted an unnamed intermittent tributary of Lake Luck. During the site walk, used-oil spilled from one fifty-five-gallon drum was observed. The facility used the fifty-five-gallon drum to collect used-oil from equipment service. Subsequent assessments of the unnamed tributary by the EPA found an oil sheen and aquatic mortality. The property owner stated that he had paints, small lead-acid batteries, and small containers of oil on site. The majority of hazardous commodities were sized for retail use.

2. Current Activities

2.1 Operations Section

2.1.1 Narrative

2.1.2 Response Actions to Date

On May 15, the EPA and Superfund Technical Assessment and Response (START) arrived on site at

approximately 1400 hours. Because firefighting runoff water and an unknown amount of used-oil were migrating from the site, the local fire department installed an earthen berm in the unnamed tributary to capture the runoff. An undetermined volume of oil was observed during a site walk-through, the discharge was most likely from a near-by fifty-five-gallon drum. The facility used the fifty-five-gallon drum to collect used-oil from equipment servicing. The property owner was provided a list of cleanup contractors by Georgia Environmental Division (GAEPD).

A 100' X 5' foot area around a stormwater culvert on the property was impacted by the used-oil. The used-oil discharge was addressed by excavating the contaminated soil, spreading oil dry on spilled oil and on various areas of the parking lot, and installed hay bales to contain any additional oil and fire debris runoff. There was a small area of recoverable oil and a sheen in the unnamed tributary. Oil absorbent boom and pads were used to recover the used-oil.

The EPA conducted a mobile air monitoring survey which focused on the residential neighborhood to the rear of the property. The topography and wind direction kept the smoke plume largely out of the residential area. No volatile organic compound (VOC) exceedances were detected. There was a general smoke odor throughout the area.

The Georgia Wildlife Resources Division (GAWRD) conducted surface water quality monitoring and an aquatic mortality survey in the impacted section of the tributary. The EPA also conducted surface water quality monitoring and collected surface water and sediment samples upstream, at the outfall for the facility and downstream of the facility. Samples were analyzed for VOCs, Semi-VOCs, total metals, herbicides and pesticides. The sample results were provided to GAEPD and GAWRD for comparison to State Water Quality Standards.

Surface Water Quality Results:

Upstream at State Route 66 Overpass:
- Temperature: 19.92 C
- pH: 6.47
- Dissolved Oxygen: 7.31 mg/L
- Total Dissolved Solids: 0.064 g/L
- Turbidity: 152 NTU
- ORP: 175 mV

At the Outfall from the Facility:
- Temperature: 24.04 C
- pH: 5.86
- Dissolved Oxygen: 4.85 mg/L
- Total Dissolved Solids: 0.401 g/L
- Turbidity: 41.2 NTU
- ORP: 60 mV

~600 feet Downstream of the Outfall at N. Anderson Dr.:
- Temperature: 21.87 C
- pH: 5.97
- Dissolved Oxygen: 6.29 mg/L
- Total Dissolved Solids: 0.356 g/L
- Turbidity: 44.1 NTU
- ORP: 127 mV

~4000 feet Downstream at the Confluence of the Unnamed Tributary and Lake Luck:
- Temperature: 27.29 C
- pH: 6.68
- Dissolved Oxygen: 10.29 mg/L
- Total Dissolved Solids: 0.1 g/L
- Turbidity: 12.7 NTU
- ORP: 218 mV

Air Monitoring Results

On May 15, 2019, from 1430 hours to 1515 hours, START conducted mobile air monitoring around the perimeter of the site, focusing on the residential areas located along the southeastern, southern, and southwestern portion of the site. START monitored airborne concentrations of volatile organic compounds (VOCs), hydrogen sulfide (H2S), carbon monoxide (CO), oxygen (O2), and the lower explosive limit (LEL) using a RAE Systems MultiRAE Pro photoionization detector. Mobile air monitoring locations and results are listed in the following table:

Location	Description	Time	O2 (%)	CO (ppm)	VOC (ppm)	LEL (%)	H2S (ppm)
1	North side of the facility at East Main Street	1434	20.9	0	0.1	0	0
2	Central Fence Company entrance on S. Anderson Drive	1442	20.9	0	0	0	0
3	Across the street from 442 Stevens Drive	1446	20.9	0	0	0	0

4	At northeastern corner of Stevens Drive and Industrial Way intersection	1450	20.9	0	0	0	0
5	At 206 Industrial Way	1456	20.9	0	0	0	0
6	At 361 Advance Street	1500	20.9	0	0	0	0
7	At 351 Advance Street	1505	20.9	0	0	0	0
8	At 372 Stevens Drive	1509	20.9	0	0	0	0
9	Western side of the facility on Industrial Way	1514	20.9	0	0	0	0

Notes:
%: Percent
ppm: Parts per million

START compared the mobile air monitoring readings for VOCs, CO, and H2S to the EPA Acute Exposure Guideline Levels (AEGL), Table 6 – General Industrial (Fire/Fireworks), Level 1 (AEGL- 1), 1-Hour, action levels, Edition 3, dated 2012 and compared readings for O2 and LEL to Occupational Safety and Health Administration (OSHA), 29 Code of Federal Regulation (CFR), 1910.146, Permit-required Confined Spaces (29 CFR 1910.146). Results of the mobile air monitoring indicated the concentrations for VOCs, CO, and H2S were below the Table 6, AEGL-1 levels and concentrations for O2 and LEL met the requirements of 29 CFR 1910.146.

EPA and Tetra Tech START collected surface water and sediment samples from the unnamed creek located north of the site. The samples were submitted to Analytical Environmental Services, Inc. (AES) located in Atlanta, Georgia, for pH and target analyte list (TAL) metals analysis.

Surface water sample WWF-SW-01-051519 and duplicate sample WWF-SW-01-051519- DUP and sediment sample WWF-SD-01-051519 and duplicate sample WWF-SD-01-051519- DUP were collected in the unnamed creek upstream from the facility outfall on the east side of the Highway 56 bridge near East Main Street. Matrix spike and matrix spike duplicates were collected.

Surface water sample WWF-SW-02-051519 and sediment sample WWF-SD-02-051519 were collected in the unnamed creek approximately 10 feet downstream from the facility outfall discharge.

Surface water sample WWF-SW-03-051519 was collected in the unnamed creek downstream from the facility outfall on the east side of the North Anderson Drive bridge near East Main Street.

Laboratory analytical results of the Dealers Supply Garden Center samples are attached for review and have been supplied to the Georgia Wildlife Resources Division and Environmental Protection Division for review.

EPA resources demobilized from the site.

2.1.3 Enforcement Activities, Identity of Potentially Responsible Parties (PRPs)

The Property Owner was issued a Notice of Federal Interest.
Rodney Wilson
438 East Main Street, Swainsboro, GA 30401
912-690-2944

2.2 Planning Section

No further EPA actions or activities planned at this time. The PRP will work with GAEPD and the City of Swainsboro to address any environmental issues caused by the facility fire.

2.3 Logistics Section

Logistical support was provided by:

Multiple Local Fire Departments
City of Swainsboro
EPA START Contractor
The EPA Regional Readiness Center

2.4 Finance Section

2.4.1 Narrative

A Technical Direction Document (TDD) was issued to START Contractor Tetra Tech to provide assistance with the response.

Estimated Costs *

	Budgeted	Total To Date	Remaining	% Remaining
Extramural Costs				
START	$10,000.00	$5,000.00	$5,000.00	50.00%
Intramural Costs				
Total Site Costs	$10,000.00	$5,000.00	$5,000.00	50.00%

* The above accounting of expenditures is an estimate based on figures known to the OSC at the time this report was written. The OSC does not necessarily receive specific figures on final payments made to any contractor(s). Other financial data which the OSC must rely upon may not be entirely up-to-date. The cost accounting provided in this report does not necessarily represent an exact monetary figure which the government may include in any claim for cost recovery.

2.5 Other Command Staff

No pertinent information to report at this time.

3. Participating Entities

EPA assisted GAEPD, GAWRD and the City of Swainsboro.

4. Personnel On Site

One FOSC was on-site coordinating response operations. One scientist from START mobilized to the site. Multiple personnel from the City of Swainsboro and the State of Georgia were also on-site.

5. Definition of Terms

No pertinent information to report at this time.

6. Additional sources of information

6.1 Internet location of additional information/report

Documents, photographs, maps and other important/pertinent information can be found at response.epa.gov/WilsonFire. Log-in credentials may be required to view certain documents.

6.2 Reporting Schedule

No additional pollution reports are planned at this time.

7. Situational Reference Materials

Documents, photographs, maps and other important/pertinent information can be found at response.epa.gov/WilsonFire. Log-in credentials may be required to view certain documents.